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**PHOTOGRAPHIC INTERPRETATION REPORT**

25X1C



**BLUE SPRINGS MISSION 5527**  
**18 SEPTEMBER 1966**

Declass Review By NIMA/DOD

NPIC/R-361/66  
OCTOBER 1966

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GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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## PREFACE

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The "Order of Battle" section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

Map base used for derivation of coordinates is the best available among these series: US Air Target Chart, Series 200; AMS; ONC; or DIA JOG, 1:250,000.

The header line for each target contains, reading from left to right, the target name, the geographic coordinates,

the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), and P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85mm), and heavy (100 mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

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THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>MISSILES</p> <p>HA NOI SAM SITE C03A-2 (141)</p> <p>20.4 NM NNE OF HA NOI AT 21-19-09N 106-02-06E.</p> <p>SITE IS FIELD DEPLOYED AND CONSISTS OF 4 UNREVIEWED LAUNCH POSITIONS AND AN UNREVIEWED, CAMOUFLAGED CENTRAL GUIDANCE AREA.</p> <p>OB -- 4 MISSILES ON LAUNCHERS AND AN OCCUPIED CENTRAL GUIDANCE AREA.</p> <p>(SEE ATTACHMENT 1)</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>ELECTRONICS/COMMUNICATIONS</p> <p>PHUC YEN A/F INSTRUMENT LANDING FAC ESE</p> <p>IN LINE WITH AND 2.9 NM ESE OF THE ESE END OF THE PHUC YEN AIRFIELD RUNWAY AT UTM WJ902446.</p> <p>FACILITY CONSISTS OF 2 STEEL LATTICE VERTICAL RADIATORS, 1 CONTROL BUILDING, AND 2 SUPPORT BUILDINGS.</p> <p>[REDACTED]</p> <p>STORAGE</p> <p>BAC GIA POL DRUM STORAGE</p> <p>IMMEDIATELY SOUTH OF BAC GIA AT UTM WJ876442.</p> <p>APPROXIMATELY 550 POL DRUMS ARE LOCATED IN VICINITY OF BAC GIA ALONG A SECONDARY ROAD AND IN AN OPEN FIELD.</p> <p>[REDACTED]</p>	<p>2119N 10602E</p> <p>2112N 10552E</p> <p>2111N 10550E</p>	<p>0616</p> <p>0616</p> <p>0616</p>	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	<p>204-D</p> <p>326-O</p> <p>326-N</p>

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>BEN CAN STORAGE AREA 0.6 NM NW OF BEN CAN AT UTM XJ307840. AREA CONSISTS OF 1 STORAGE BUILDING, 6 SMALL POSSIBLE STORAGE BUILDINGS, AND 1 [REDACTED] ENTRANCE ALONG AN OVAL ROAD. [REDACTED]</p>	2133N 10615E	0616		374-C
<p>MISCELLANEOUS</p> <p>HA NOI VETERINARY DRUG FACTORY 9.1 NM WNW OF HA NOI AT UTM WJ727306. FACILITY CONSISTS OF A FENCE-SECURED AREA CONTAINING 1 LARGE MULTI-WING (CONNECTED BY COVERED WALKWAYS) PRODUCTION BUILDING, 8 BUILD- INGS IN 2 ADJACENT AREAS FOR ANIMAL RESEARCH, AN ADMINISTRATION AREA CONTAINING THREE 2-STORY BARRACKS, 1 ADMINISTRATION, AND 3 SUPPORT BUILDINGS, A SEPARATELY SECURED WATER PURIFICATION FACILITY, AN AIR COOLING AND PROBABLE WATER STORAGE FACILITY ADJACENT TO A WATER TOWER, A STEAMPLANT, AND 6 SUPPORT BUILDINGS. (SEE ATTACHMENT 2) [REDACTED]</p>	2104N 10542E	0616	[REDACTED]	462-D

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THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>MISSILES</p> <p>HA NOI SAM SITE A29-2 (4)</p> <p>10 NM WNW OF HA NOI AT UTM WJ709302.</p> <p>SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED WITH DUMMY MISSILES) AND A REVETTED CENTRAL GUIDANCE AREA.</p> <p>OB -- 5 DUMMY MISSILES, 1 UNIDENTIFIED OBJECT IN CENTRAL GUIDANCE AREA, AND A SMALL UNIDENTIFIED OBJECT IN THE ACQUISITION RADAR SITE ADJACENT TO SAM SITE.</p> <p>(SEE ATTACHMENT 3)</p>	2104N 10541E	0616		462-J
<p>HA NOI SAM SITE B01A-2 (124)</p> <p>13.1 NM NORTH OF HA NOI AT 21-14-44N 105-53-06E.</p> <p>SITE OF IRREGULAR CONFIGURATION CONSISTS OF 5 UNOCCUPIED UNRETTED LAUNCH POSITIONS AND AN UNOCCUPIED CENTRAL GUIDANCE AREA.</p>	2114N 10553E	0616		524
<p>MILITARY INSTALLATIONS</p> <p>YEN SO BARRACKS AREA</p> <p>0.4 NM WSW OF YEN SO AT UTM WJ702263.</p> <p>FACILITY CONSISTS OF 7 BARRACKS (ONE 2-STORY), 1 ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS, AN ATHLETIC FIELD, AND AN OBSTACLE COURSE. ASSOCIATED WITH THESE FACILITIES IS A VILLA, POSSIBLY TAKEN OVER BY MILITARY AUTHORITIES. TRENCHING EXISTS THROUGHOUT THE AREA.</p>	2102N 10540E	0616		462-G

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
LANG HET AMMUNITION DEPOT 0.8 NM SW OF LANG HET AT UTM XJ279818. STORAGE AREA CONTAINS 11 REVETTED, 8 UNREVETTED, AND 1 DESTROYED STORAGE BUILDING, AND 2 SUPPORT BUILDINGS DISPERSED ALONG A ROAD NETWORK AMONG KARST HILLS. A SMALL SUPPORT AREA IMMEDIATELY SE CONTAINS 1 BARRACKS, 1 ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS. PROBABLE [ ] STORAGE AREAS ARE LOCATED AT UTM XJ287820 AND XJ288817. [ ]	2132N 10614E	0616	[ ]	374
ELECTRONICS/COMMUNICATIONS  HA NOI RADIO RECEIVING STATION SON DONG 8.6 NM WNW OF HA NOI AT UTM WJ718273. FACILITY CONSISTS OF 17 SUPPORT BUILDINGS WITHIN A FENCE-SECURED AREA AND A PERSONNEL BUNKER IMMEDIATELY NE. SURROUNDING THE CONTROL/SUPPORT AREA ARE 3 LARGE AND 3 SMALL DOUBLE RHOMBIC (ARRANGED IN PAIRS FOR DAY/NIGHT OPERATIONS), 2 OTHER DOUBLE RHOMBIC, 6 SINGLE RHOMBIC, AND 6 HORIZONTAL DIPOLE ANTENNAS. (SEE ATTACHMENT 4) [ ]	2102N 10541E	0616	[ ]	462-F
BASIC SERVICES  KEP/THAI NGUYEN RAILROAD U/C RAIL LINE OBSERVED FROM 21-29N 106-10E TO 21-28N 106-12E. LINE APPEARS TO HAVE BALLAST DUMPED OVER PORTIONS OF TRACK. SERVICEABILITY OF THIS PORTION OF LINE IS UNDETERMINED. [ ] [ ]	2130N 10607E	0616		242-L

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THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p><del>-NORTH VIETNAM-</del></p> <p>MISSILES</p> <p>HA NOI SAM SITE C03A-2 (141)</p> <p>OB -- 4 MISSILES ON LAUNCHERS AND AN OCCUPIED CENTRAL GUIDANCE AREA.</p> <p>(SEE ATTACHMENT 1)</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	2119N 10602E	0616	[REDACTED]	204-D
<p>HA NOI SAM SITE A29-2 (4)</p> <p>OB -- 5 DUMMY MISSILES, 1 UNIDENTIFIED OBJECT IN CENTRAL GUIDANCE AREA, AND A SMALL UNIDENTIFIED OBJECT IN THE ACQUISITION RADAR SITE ADJACENT TO SAM SITE.</p> <p>(SEE ATTACHMENT 3)</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	2104N 10541E	0616		462-J
<p>AIR</p> <p>PHUC YEN AIRFIELD</p> <p>OB -- 1 FISHBED, 1 PROBABLE FISHBED, AND 5 FAGOT/FRESCO.</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	2113N 10548E	0616		326-C
<p>ELECTRONICS</p> <p>PHUC YEN AIR WARNING/GCI FACILITY</p> <p>OB -- 1 BIG BAR AIR WARNING RADAR AND 1 SIDE NET HEIGHT-FINDING RADAR.</p> <p>ACTIVITY -- 1 VAN TRUCK, 5 VAN TRAILERS, AND 1 CARGO TRAILER.</p> <p>(SEE ATTACHMENT 5)</p> <p>[REDACTED]</p>	2113N 10553E	0616		326-L

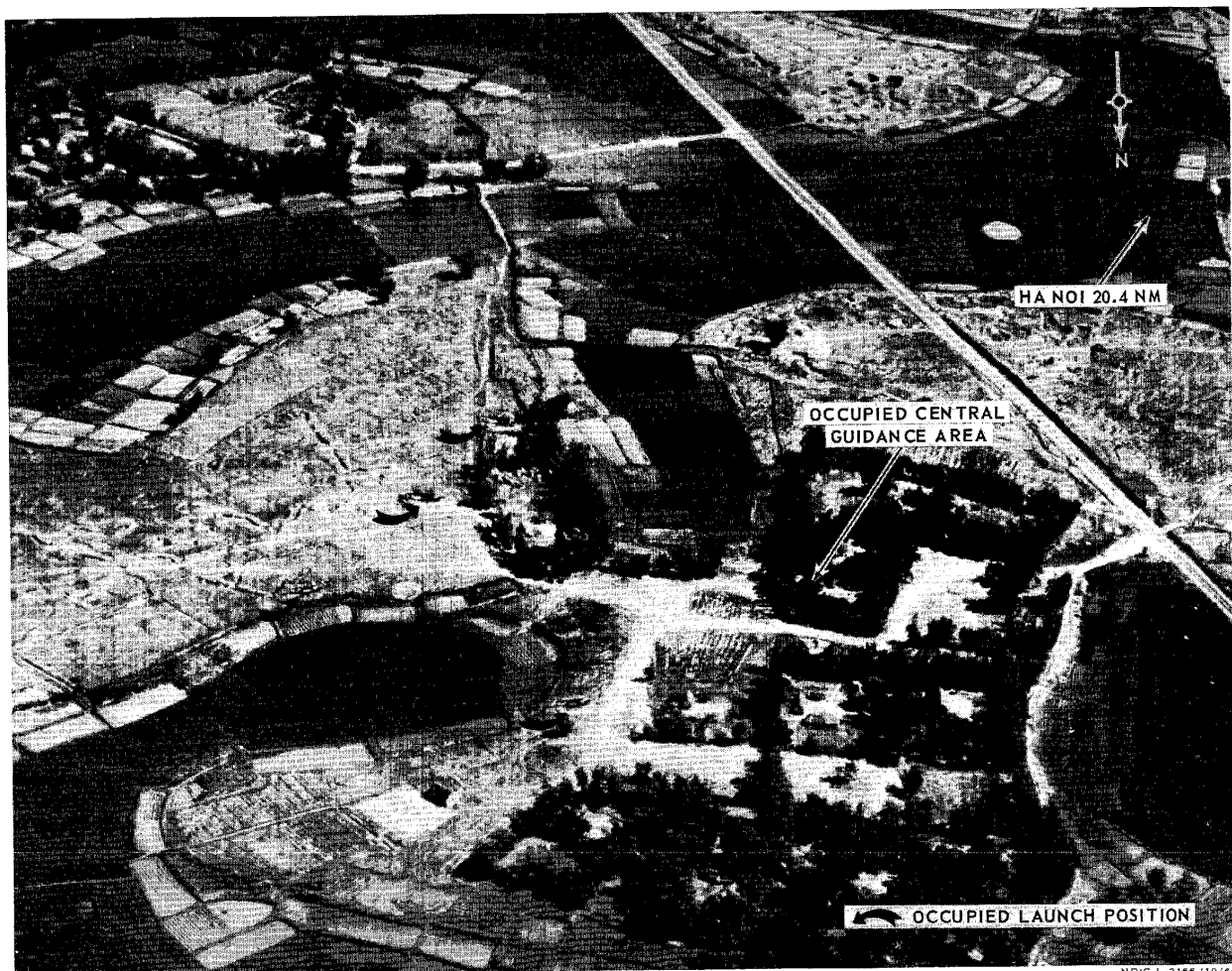
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ATTACHMENT 1

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HA NOI SAM SITE CO3A-2 (141)

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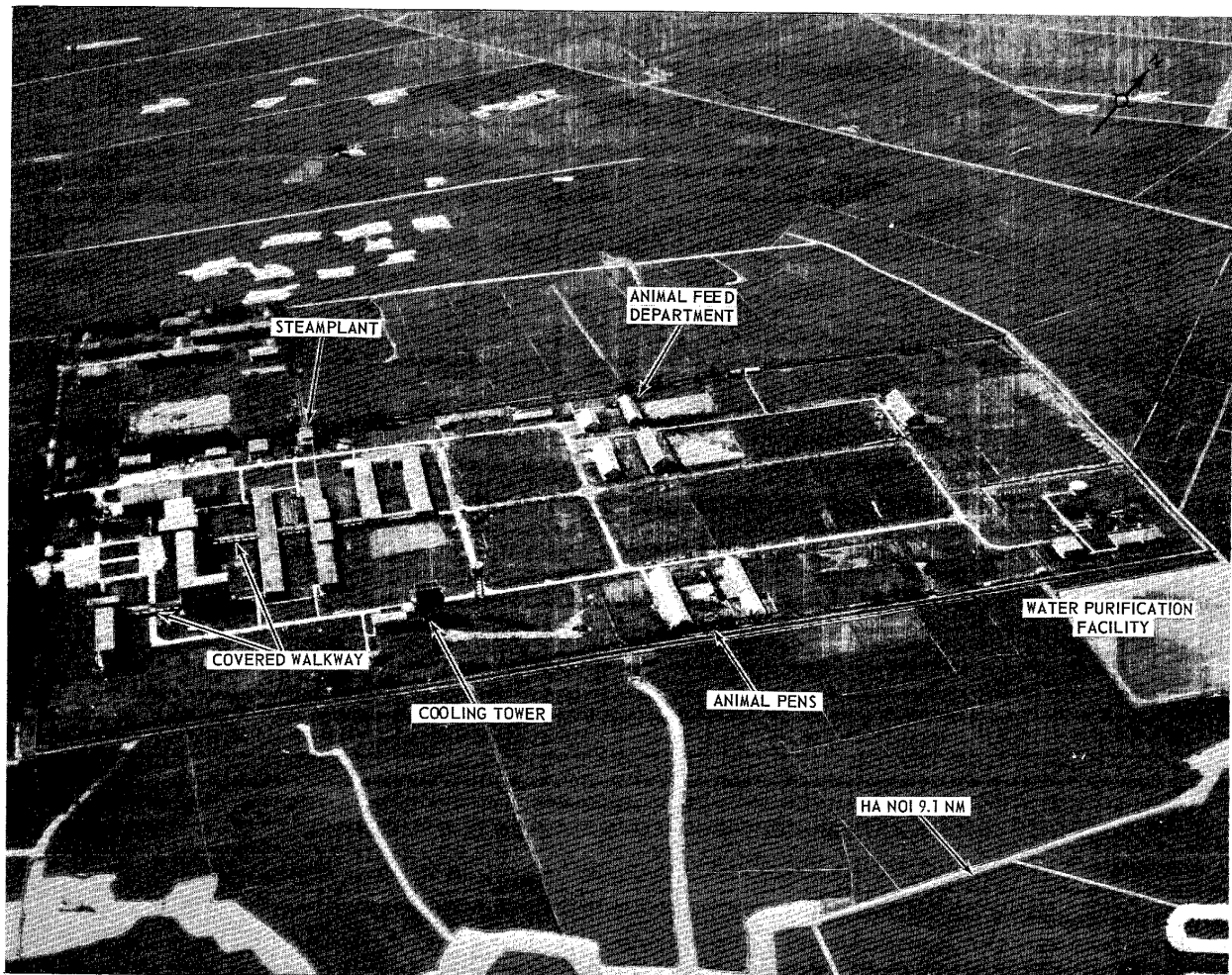
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ATTACHMENT 2

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HA NOI VETERINARY DRUG FACTORY

NPIC L-2167 (10/66)

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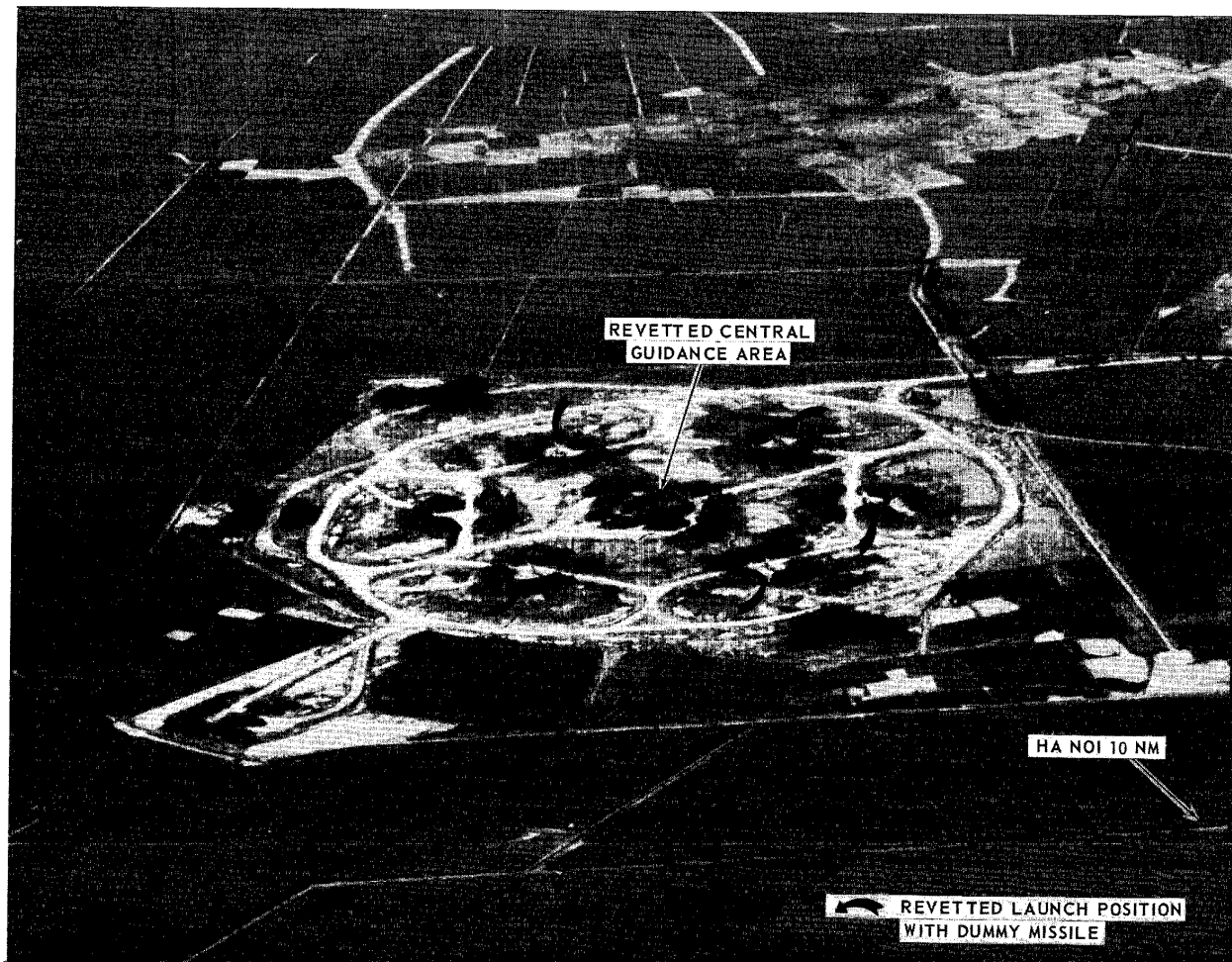
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ATTACHMENT 3

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HA NOI SAM SITE A29-2 (4)

NPIC L-2168 (10/66)

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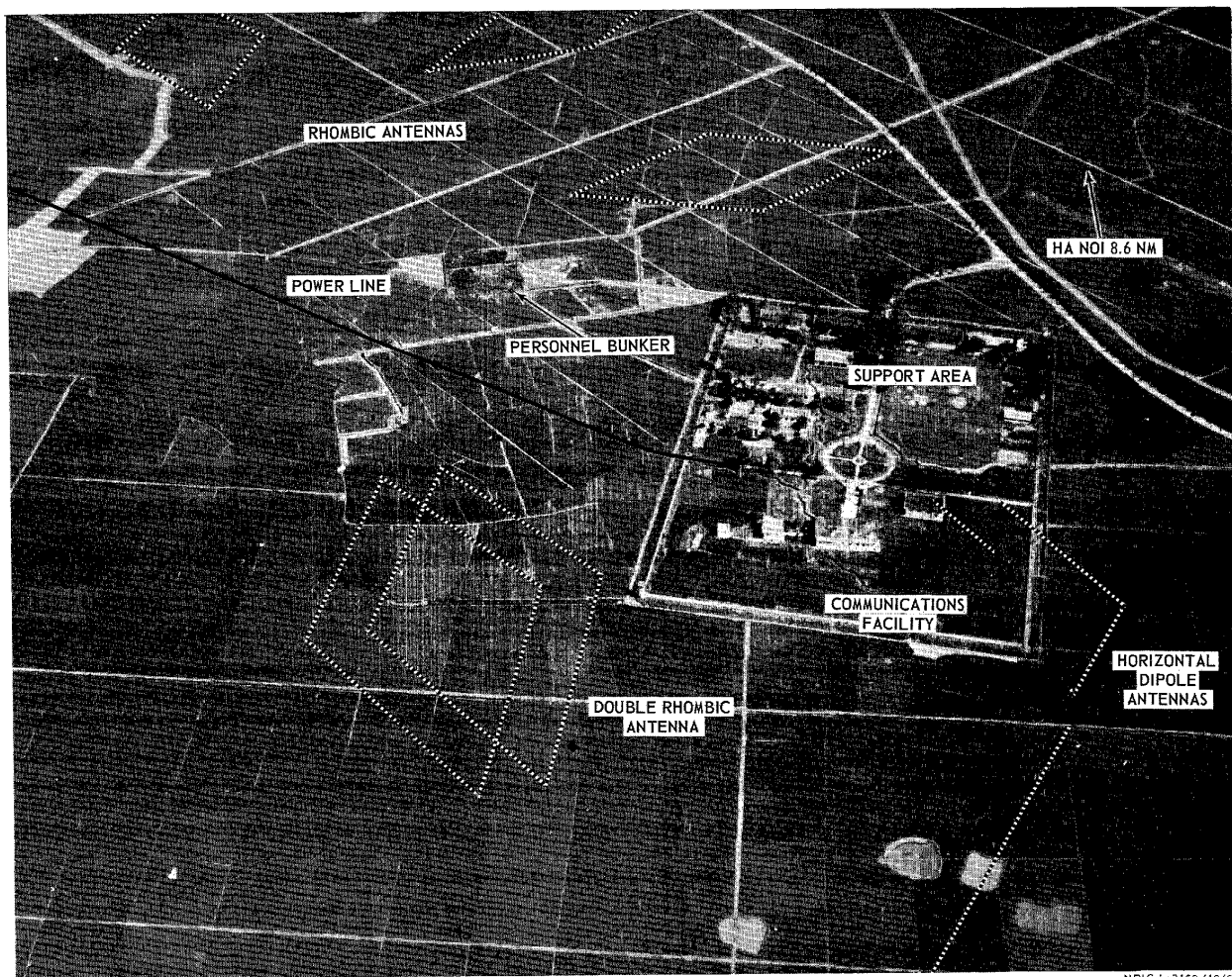
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ATTACHMENT 4

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HA NOI RADIO RECEIVING STATION SON DONG

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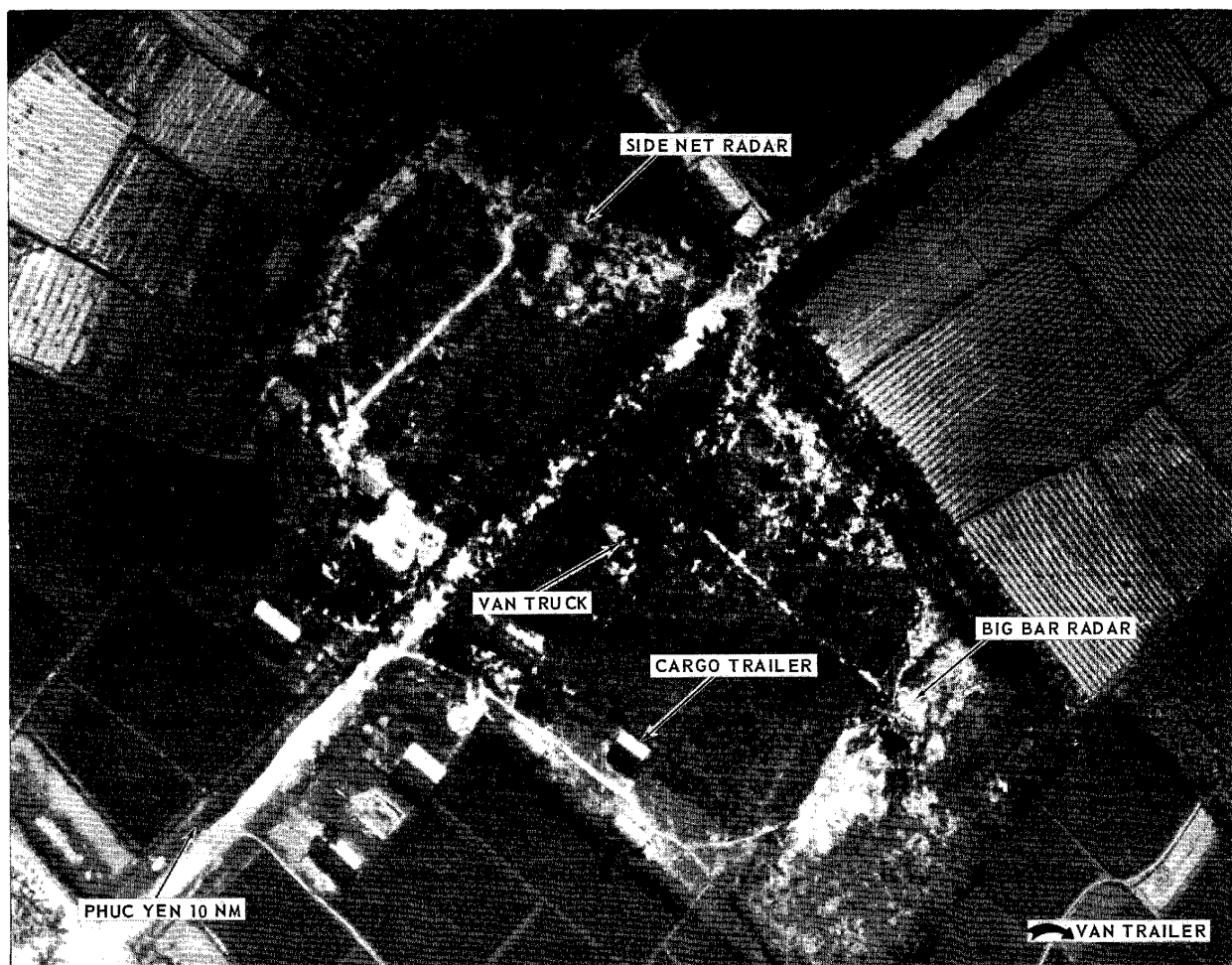


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ATTACHMENT 5

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PHUC YEN AIR WARNING/GCI FACILITY

NPIC L-2170 (10/66)

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